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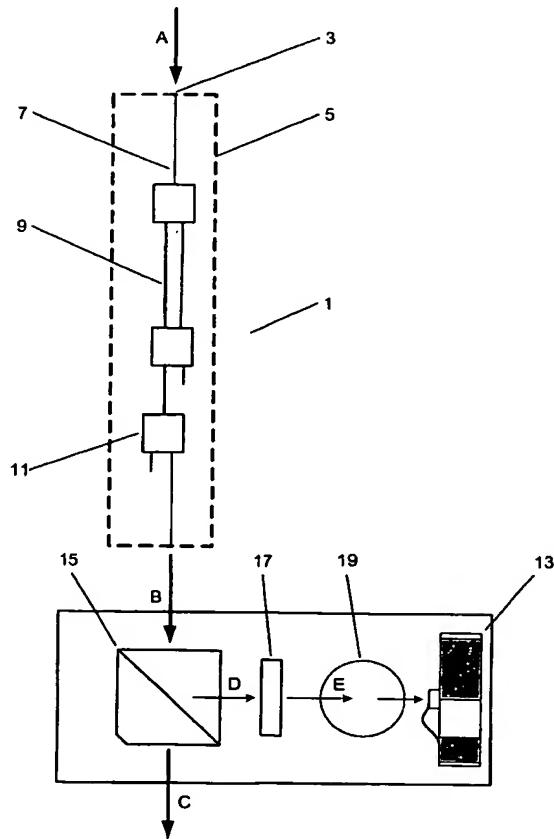
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(54) Title: OPTICAL COMMUNICATIONS APPARATUS



(57) Abstract: An Optical communications apparatus, comprising:
(a) an optical integrated device comprising an input, one or more integrated optical component(s) and an output, arranged such that light received by the input is propagated by the optical component(s) and exits the device as an output light beam; (b) a light beam diverter arranged to divert a sample portion only of the power of the output light beam; (c) a light detector arranged to detect the sample portion of the output light beam; and (d) a polariser located between the light beam diverter and the light detector and/or between the output of the optical integrated device and the light beam diverter, the polariser being arranged such that if light of a predetermined polarisation is received by the optical integrated device, the polariser propagates light of that polarisation only, thereby substantially to prevent light other than of the predetermined polarisation being detected by the light detector.

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